

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
AND
U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU



NEBR. DEPT. OF AGR. & INSPECTION
DIVISION OF AGR'L STATISTICS
AND
AGRICULTURAL EXTENSION SERVICE
OF NEBR. COLLEGE OF AGR.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

RELEASED 6/28/49 11:00 A.M.

WEED ENDING 6/27/49

WEATHER TEMPERATURES AVERAGED ABOVE NORMAL, BUT WITH NO PRONOUNCED EXTREMES. HEAVY RAINS FELL OVER THE SOUTH-CENTRAL AND SOUTHEASTERN PORTIONS OF THE STATE, WITH WASHING AND FLOODING RAINS LOCALLY. THERE WAS LITTLE OR NO RAIN IN THE NORTH-CENTRAL PORTION OF THE STATE, AND LIGHT TO MODERATE RAINS ELSEWHERE. HUMIDITY WAS VERY HIGH OVER THE EASTERN PORTION OF THE STATE, WITH LITTLE EVAPORATION, BUT THE AIR WAS DRIER OVER THE WESTERN PORTION.

CROPS ALL CROPS MADE PROGRESS UNDER THE STIMULUS OF SUNSHINE EXCEPT FOR MOST OF THE COUNTIES IN EAST CENTRAL AND THE SOUTHEASTERN SECTIONS WHERE RAINFALL WAS AGAIN HEAVY. OUTSIDE OF THE LATTER AREA, THE SOIL WAS DRY ENOUGH TO CULTIVATE CORN AND THAT CROP MADE GOOD PROGRESS. WHEAT IS MATURING RAPIDLY AND THE SECOND CROP OF ALFALFA IS ABOUT READY FOR HARVEST IN SOUTHERN COUNTIES.

ALL EXCEPT 2% OF THE CORN HAS BEEN PLANTED, THE UNPLANTED CORN BEING MOSTLY IN THE EAST CENTRAL AND SOUTHEASTERN NEBRASKA WHERE HEAVY RAINS OCCURRED. OUTSIDE OF EAST CENTRAL AND SOUTHEASTERN NEBRASKA, FIELDS WERE DRY ENOUGH TO CULTIVATE AND THE CROP MADE GOOD PROGRESS. EGG MASSES OF THE CORN BORER IN SOME PARTS OF NORTH-EASTERN NEBRASKA INDICATE SOME TROUBLE FROM THAT INSECT. CORN GENERALLY VARIES IN HEIGHT FROM COMING UP TO WAIST HIGH. THERE IS STILL SOME WEEDY UNCULTIVATED FLOODED FIELDS IN SOUTHEASTERN NEBRASKA WHICH MAY BE ABANDONED.

THERE ARE NOT MANY YEARS DURING WHICH WHEAT RECEIVED AS MUCH PUNISHMENT AS THE PRESENT CROP, YET THE CROP WHICH IS ABOUT READY FOR HARVEST IN MOST OF THE SOUTH PLATTE COUNTIES IS LOOKING BETTER THAN ONE WOULD EXPECT. FIRST THERE WAS SOME LOSS LAST FALL IN THE WESTERN TWO-THIRDS OF THE STATE FROM LACK OF MOISTURE. ICE COATING, WATER-LOGGED CONDITION WHICH THINNED THE STANDS AND THIS WITH OTHER FACTORS CAUSED HEAVY ABANDONMENT IN THE EASTERN THIRD OF THE STATE. PLANT APHIDS WERE UNUSUALLY SEVERE AND THIS WAS FOLLOWED BY ONE OF THE WORST INFECTIONS OF ORANGE LEAF RUST IN HISTORY. BLACK STEM RUST IS PRESENT BUT NOT MUCH DAMAGE IS EXPECTED EXCEPT TO THE LATE WHEAT IN SOUTHWESTERN AND SOUTHERN PANHANDLE COUNTIES. BLACK STEM RUST IN THE LATTER AREAS IS REPORTED BY TWO PRIVATE INVESTIGATORS WHO HAVE INSPECTED THE WHEAT CROP. STATISTICIAN LOGAN REPORTED BLACK STEM RUST FROM LINCOLN WEST TO ARAPAHOE AND STATED THAT GENERALLY WHEAT IN THAT AREA WAS TOO NEARLY MATURE TO RECEIVE MUCH DAMAGE EXCEPT POSSIBLY THE LATE WHEAT IN WEBSTER AND FRANKLIN COUNTIES. HE IS PROCEEDING TO SOUTHWESTERN AND PANHANDLE COUNTIES TODAY. REPORTS INDICATE THAT WHEAT IN BOX BUTTE COUNTY NORTHWARD IS FARTHER ADVANCED THAN WHEAT IN SOUTHERN PANHANDLE COUNTIES AND IS NOT EXPECTED TO BE DAMAGED BY BLACK STEM RUST, HOWEVER, SPRING WHEAT IN THAT AREA COULD BE DAMAGED CONSIDERABLY. BLACK CHAFF AND SCAB ARE ALSO DOING SOME DAMAGE. MUCH OF THE WHEAT IN SOUTHERN COUNTIES IN THE EASTERN TWO-THIRDS OF THE STATE IS MATURE ENOUGH TO HARVEST WITH THE BINDER BUT FARMERS EXPECT TO WAIT A WEEK AND HARVEST WITH THE COMBINE. THE EXCELLENT SOIL MOISTURE CONDITION IS EXPECTED TO OFFSET TO A CONSIDERABLE EXTENT THE DAMAGE FROM ORANGE LEAF RUST AND PLANT APHIDS. BUT THE FINAL OUTCOME IS STILL UNCERTAIN.

THE STORY OF OATS AND BARLEY REMAINS ABOUT THE SAME. PART OF THE OATS THAT WERE SOWN EARLY ENOUGH ON LAND IN GOOD STATE OF FERTILITY ARE PROMISING WHILE THE BALANCE OF THE OAT CROP IS VERY POOR. THE DAMAGE TO OATS ON POOR SOIL FROM APHIDS IS NOW VERY APPARENT.

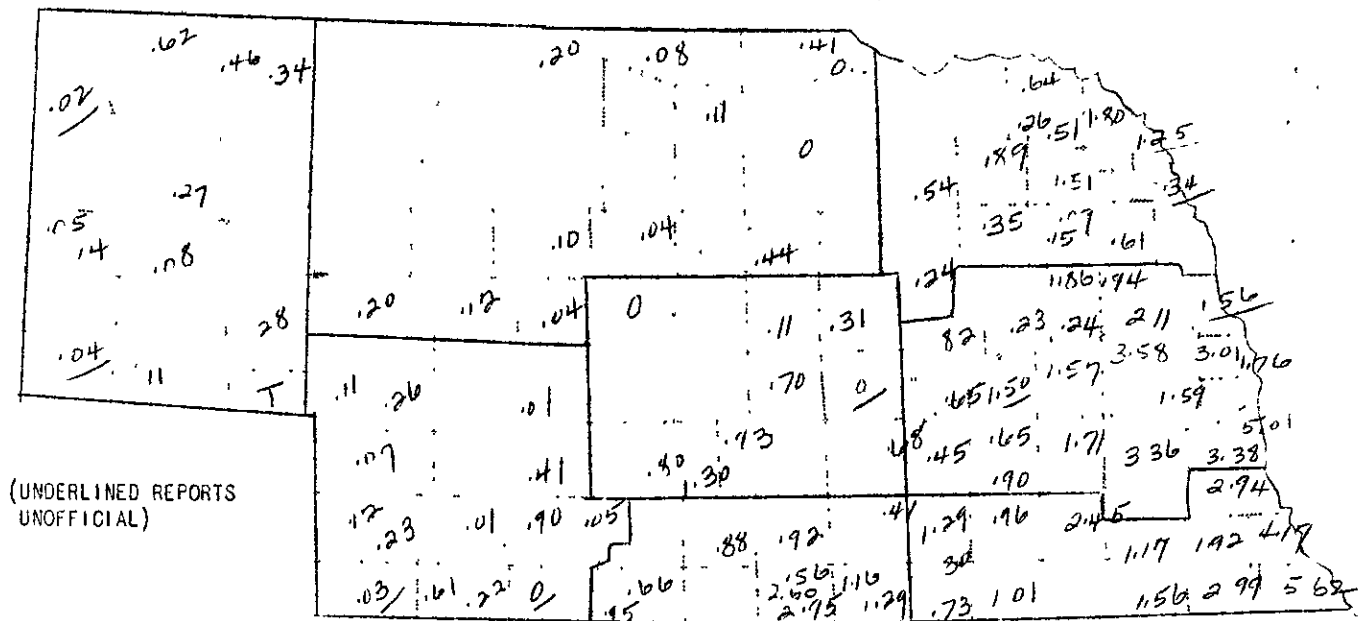
BETWEEN 75% AND 80% OF THE SORGHUM CROP HAS BEEN PLANTED. EARLY POTATOES HAVE STARTED TO MATURE IN THE DAKOTA COUNTY COMMERCIAL AREA. REPORTS SO FAR ARE FAVORABLE FROM THE CENTRAL PLATTE VALLEY AREA. THE MCCOOK AREA IS REPORTING PSYLLIDS IN THE POTATO CROP. REPORTS ALSO INDICATE PSYLLID INFESTATION IN WESTERN NEBRASKA. THE SECOND CROP OF ALFALFA IS ABOUT READY FOR HARVEST IN SOUTHERN COUNTIES; SOME HAS STARTED AND IS EXCEPTIONALLY GOOD. INSECTS AND THE ARMY WORM AND CUT WORMS HAVE DONE SOME DAMAGE TO ALFALFA AND GRASSHOPPERS ARE SOMEWHAT SEVERE ON YOUNG ALFALFA. GRASSHOPPERS ARE NUMEROUS AND THE OUTLOOK IS FOR CONSIDERABLE DAMAGE UNLESS CONTROLLED.

U. S. DEPARTMENT OF AGRICULTURE
203 P. O. BLDG., BOX 1911
LINCOLN 1, NEBRASKA

OFFICIAL BUSINESS
FORM BAE A3-6-49-970
PERMIT NO. 1001

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE \$300

PRECIPITATION FOR WEEK ENDING JUNE 24, 1949



HIGHEST AND LOWEST TEMPERATURES (FOR 24 HRS. ENDING 6:30 A.M.)

		JUNE 21ST		22D		23D		24TH		25TH		26TH		27TH	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
NW	CHADRON	81	48	91	59	96	51	85	50	82	47	84	60	96	55
	SCOTTSBLUFF	88	56	88	57	94	55	80	53	83	52	88	59	95	58
	SIDNEY	82	51	85	60	94	51	80	54	82	46	90	52	93	55
N-C	BURWELL	88	58	89	62	93	62	83	56	--	--	94	62	--	--
	VALENTINE	82	54	87	70	96	60	84	54	80	61	88	62	98	59
NE	NORFOLK	93	63	83	62	92	69	88	64	82	58	96	66	95	64
	SIOUX CITY	96	62	86	60	85	67	89	67	83	60	94	62	95	69
CEN.	GRAND ISLAND	96	64	89	66	93	70	90	64	80	65	94	65	93	64
E-C	LINCOLN	97	69	85	67	94	72	95	64	78	65	90	71	91	69
	OMAHA	95	69	86	64	85	69	94	66	79	65	89	73	89	68
SW	HAYES CENTER	93	59	84	58	93	65	85	58	81	58	96	62	97	60
	NORTH PLATTE	85	58	83	68	92	61	84	57	81	58	93	58	94	63

(ISSUED BY THE WEATHER BUREAU AND THE STATE AND FEDERAL DEPARTMENTS OF AGRICULTURE)

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING JUNE 27, 1949

EASTERN DIVISION		EASTERN DIV., CONT		CENTRAL DIVISION		WESTERN DIVISION	
ALBION	.71	HASTINGS	.28	BROKEN BOW	.48	ALLIANCE	.17
ABBURN	2.66	LINCOLN	3.36	BURWELL	0	CHADRON	.57
BEATRICE	2.08	NORFOLK	.56	CAMBRIDGE	.07	CULBERTSON	0
COLUMBUS	.88	OAKDALE	1.23	HOLDREGE	.14	HAYES CENTER	0
FAIRBURY	3.14	OMAHA	1.76	NORTH LOUP	1.20	KIMBALL	.08
FAIRMONT	.62	RED CLOUD	.45	NORTH PLATTE	.26	SCOTTSBLUFF	.13
FALLS CITY	5.25	ST. PAUL	.22	O'NEILL	1.63	SIDNEY	.07
FREMONT	.95	TEKAMAH	.49	RAVENNA	.48		
GRAND ISLAND	.68	WAKEFIELD	.77	VALENTINE	.55		
HARTINGTON	.04	YORK	.26				
AVERAGE THIS WEEK		1.33		0.53		0.14	
TOTAL SINCE APRIL 1		11.57		10.50		8.64	
NORMAL SINCE APRIL 1		10.49		9.08		7.66	